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Form PTO-1449 (Rev. 2-88)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

| ATTY. DOCKET NO. | APPLICATION NO. |
|---|---|
| 6321-202 | 09/981,512 |

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use several sheets if necessary)*

| APPLICANT | |
|---|---|
| TALEYARKHAN | |
| FILING DATE | GROUP |
| 10/17/01 | |

### U.S. PATENT DOCUMENTS

| EXAMINER'S INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| RP | | 6,142,056 | 11/7/00 | Taleyarkhan | | | |

RECEIVED FEB 05 2002 TC 1700

### FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES | TRANSLATION NO | |
|---|---|---|---|---|---|---|---|---|

### OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

| | | | |
|---|---|---|---|
| RP | | 1 | *F. Moraga, et al., "Static & Transient Cavitation Threshold Measurements for Mercury" Nucl. Eng. Design Journal, Vol. 207, 2001; Pgs. 1-7;* |
| | | 2 | *F. Moraga, et al., "Experimental & Analytical Investigations on Role of Multi-Frequency Excitation on Enhancing Sonoluminiscence in Air-Water Mixtures", The Int'l Conference on Multiphase Systems, ICMS'2000 Ufa, Russia, June 15-17, 2000, pgs. 288-293;* |
| | | 3 | *C. West, et al., "Experimental Measurements on Cavitation Bubble Dynamics" Acustica, Vol. 21, (1969); pgs. 112-117;* |
| | | 4 | *B. Han, "The Fracture of Liquids Under Stress Due to Ionizing Particles", Nuovo Cimento, Vol. 22 (1961) pgs. 650-653;* |
| | | 5 | *N.A. Roi, "The Initiation and Development of Ultrasonic Cavitation", Soviet Physics, Vol. 3, No. 1, 1957; pgs. 1-15;* |
| | | 6 | *R. Taleyarkhan, et al., "Experimental Determination of Cavitation Thresholds in Liquid Water and Mercury", Proceedings of the 2nd International Topical Meeting on Accelerator Applications (ACCApp '98), Gatlinburg, TN, USA (September, 1998), pgs. 1-10; and* |
| RP | | 7 | *R.J. Speedy, "Stability-Limit Conjecture. An Interpretation of the Properties of Water", Journal of Physical Chemistry, Vol. 86, No. 6, 1982, pgs. 982-991.* |

| EXAMINER | R Palabrica | DATE CONSIDERED | 11/9/06 |
|---|---|---|---|

EXAMINER: Initial if a citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.